

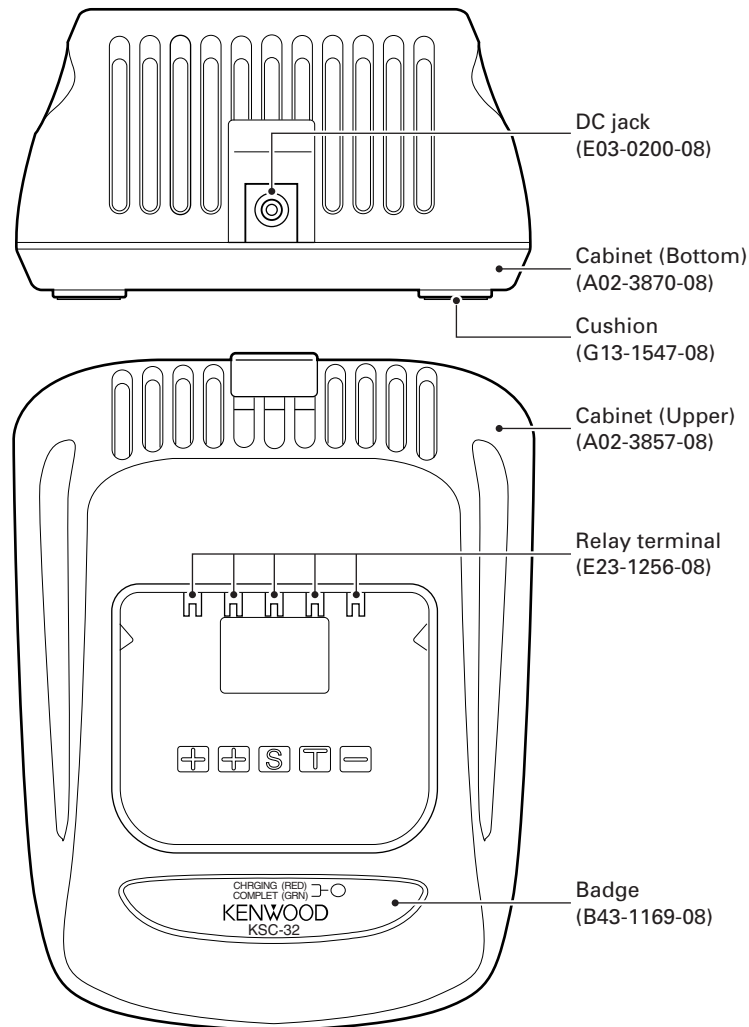
RAPID CHARGER

KSC-32

SERVICE MANUAL

KENWOOD

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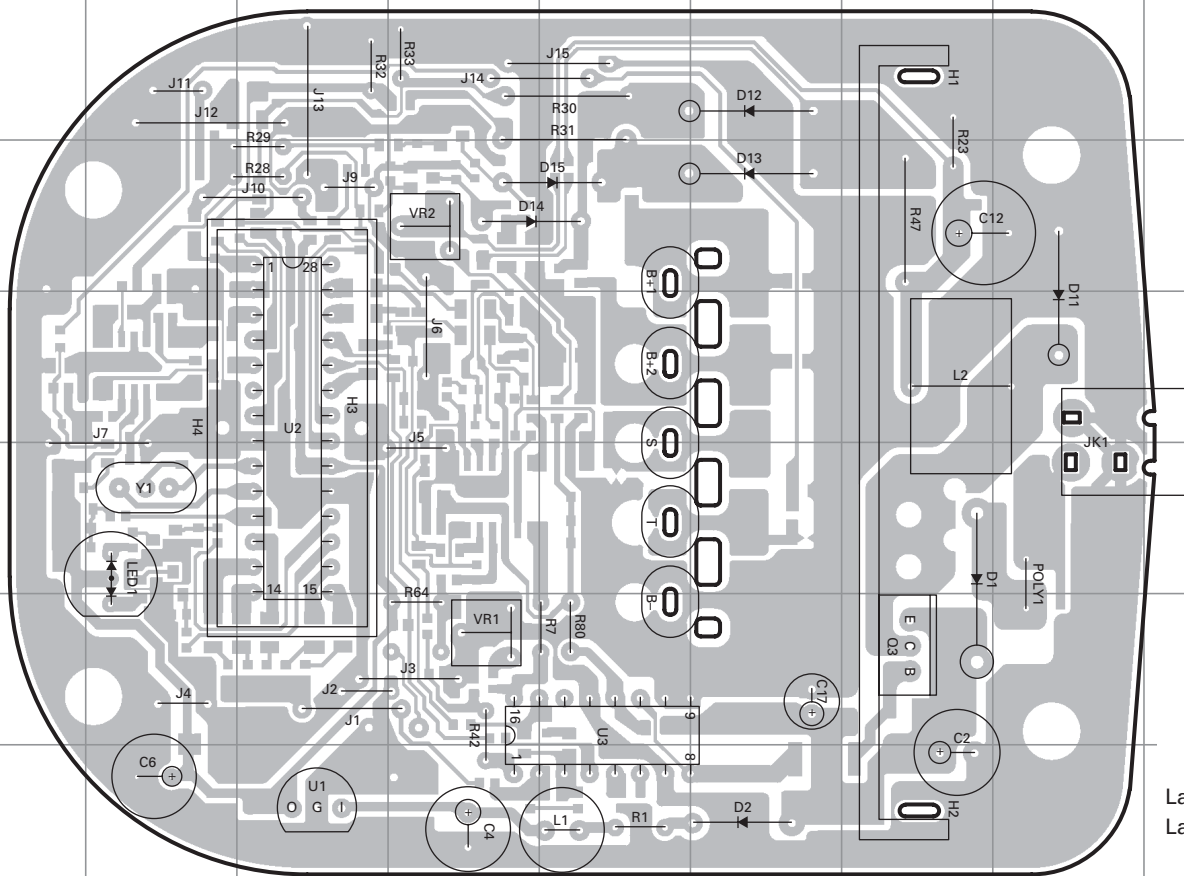


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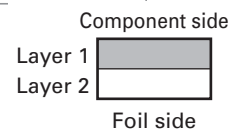
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SPECIFICATIONS	BACK COVER

KSC-32 PC BOARD

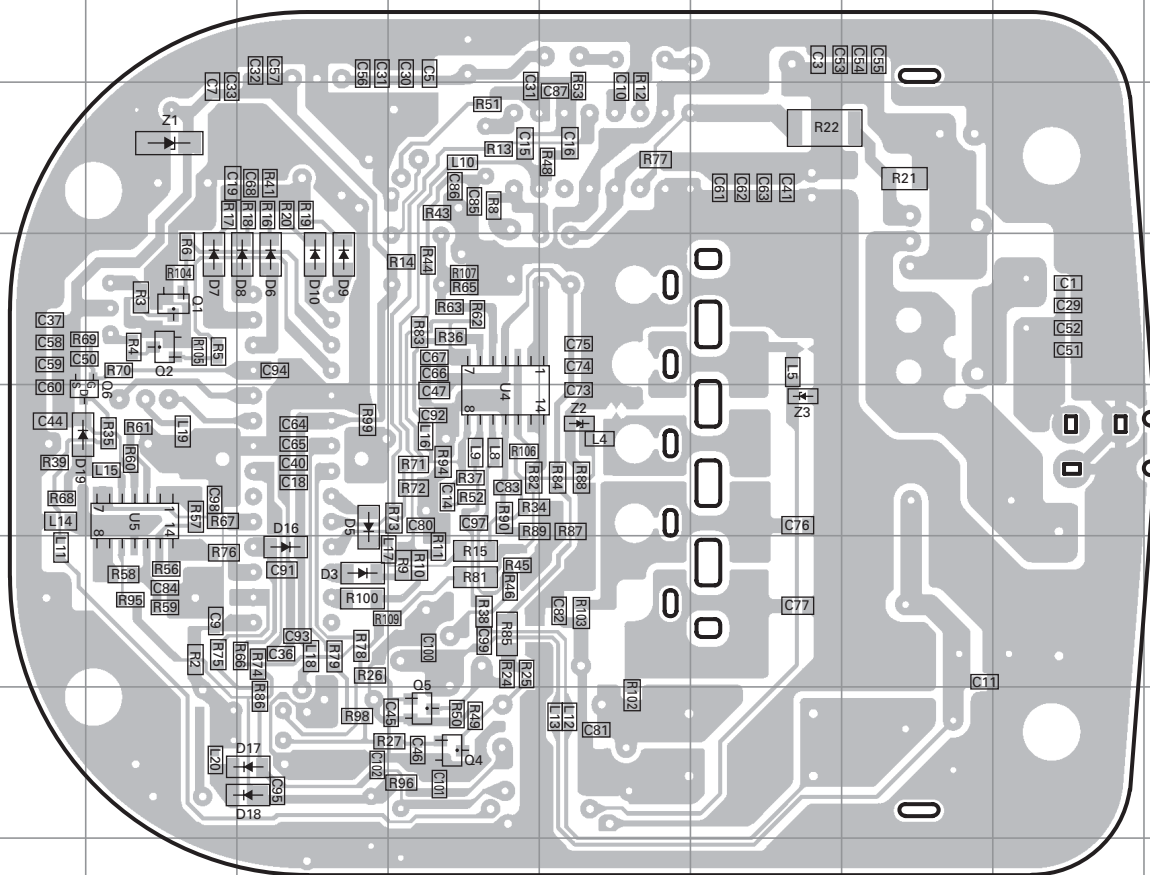
CHARGER UNIT (W02-3668-08) Component side view



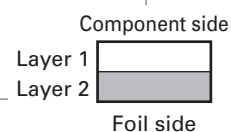
Ref. No.	Address
U1	7C
U2	4C
U3	6E
Q3	6G
D1	5G
D2	7F
D11	4H
D12	2F
D13	3F
D14	3D
D15	3E
LED1	5B



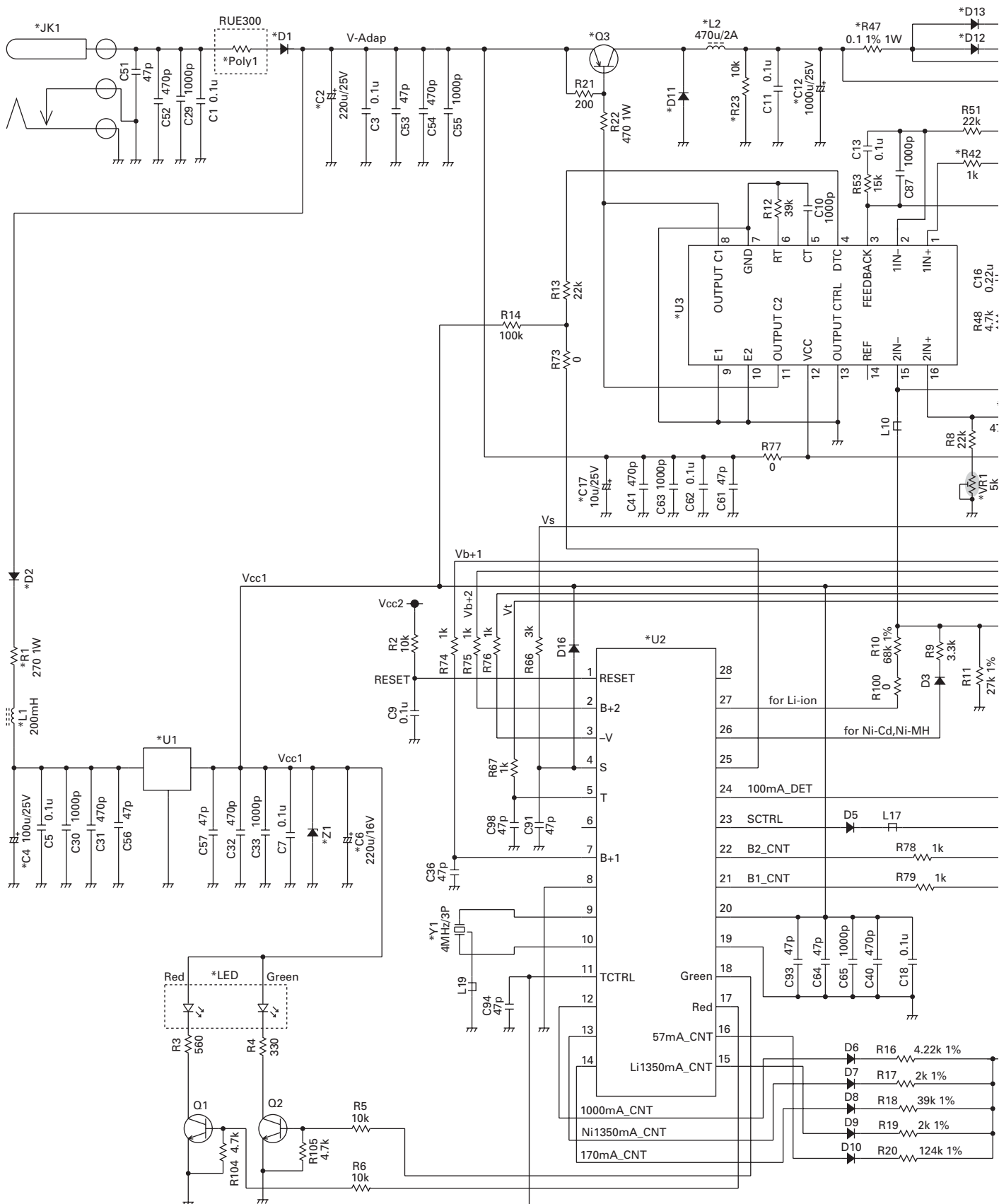
CHARGER UNIT (W02-3668-08) Foil side view



Ref. No.	Address
U4	11D
U5	11B
Q1	10B
Q2	10B
Q4	13D
Q5	13D
Q6	11A
D3	12C
D5	11C
D6	10C
D7	10B
D8	10C
D9	10C
D10	10C
D16	12C
D17	13C
D18	13C
D19	11A
Z1	9B
Z2	11E
Z3	11F



KSC-32 SCHEMATIC DIAGRAM

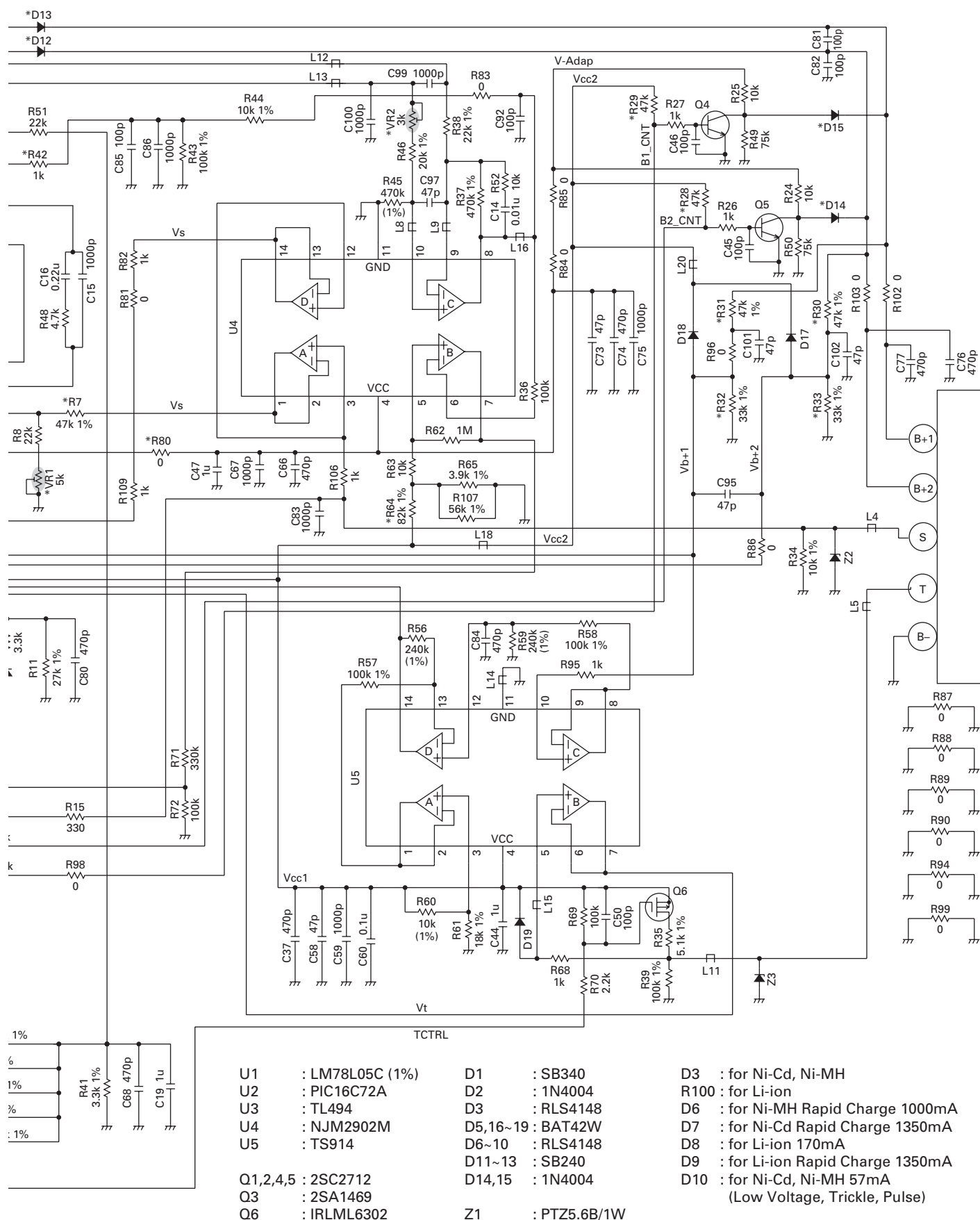


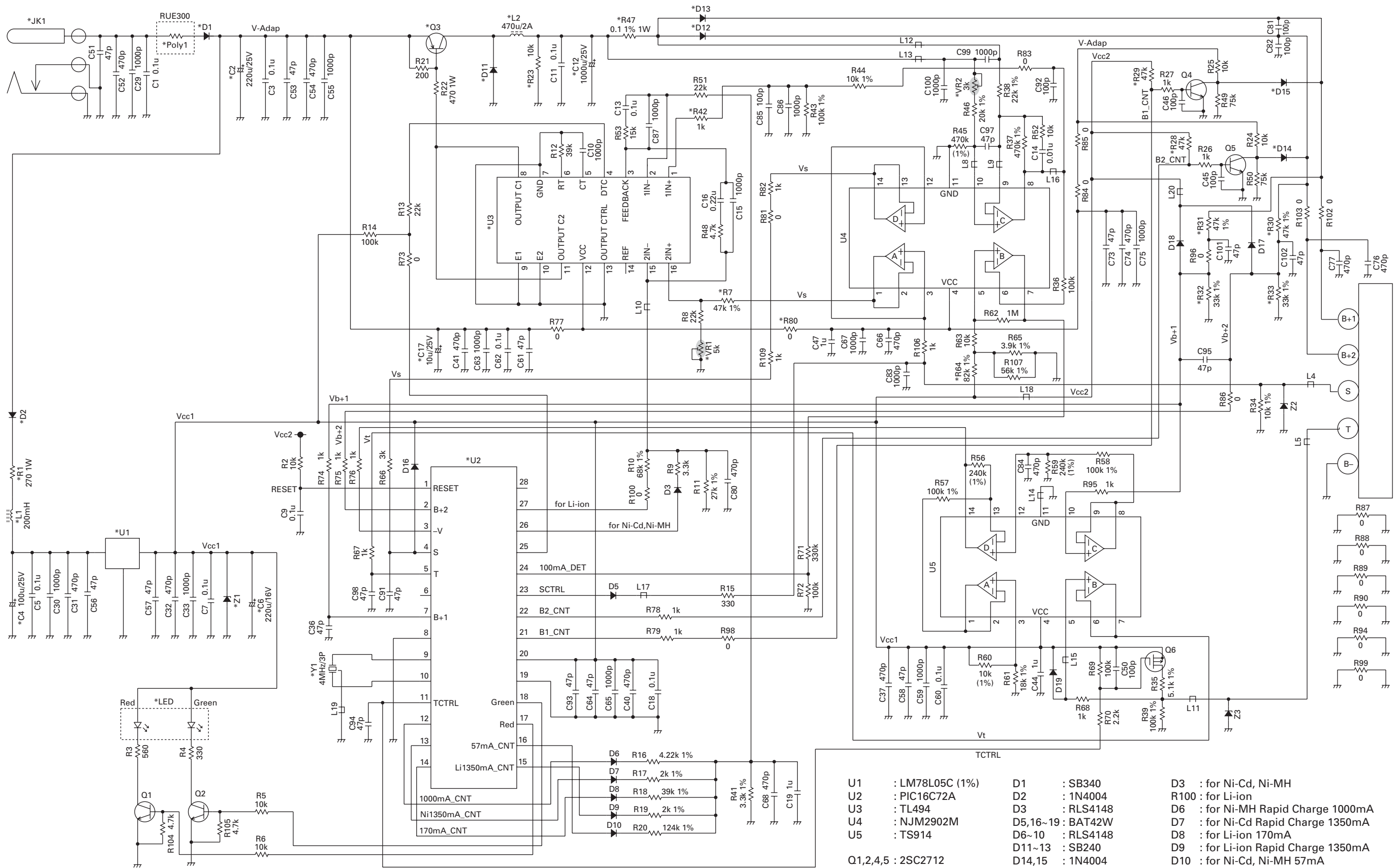
“*” Marks are lead wire parts

VR1 (RC 655MC 5K) : Adjust Li-ion 8.4V
VR2 (RC 655MC 3K) : Adjust 57mA at Ni-Cd Trickle 10.80V

L1 : CHOKE 200mH
L2 : CHOKE 470uH/2A
L4,5,8~13,15~17,20 : BEADS 600Ω (SBK160808T-601Y-5)
L14,18,19 : BEADS 600Ω (SBK201209T-601Y-5)

SCHEMATIC DIAGRAM KSC-32





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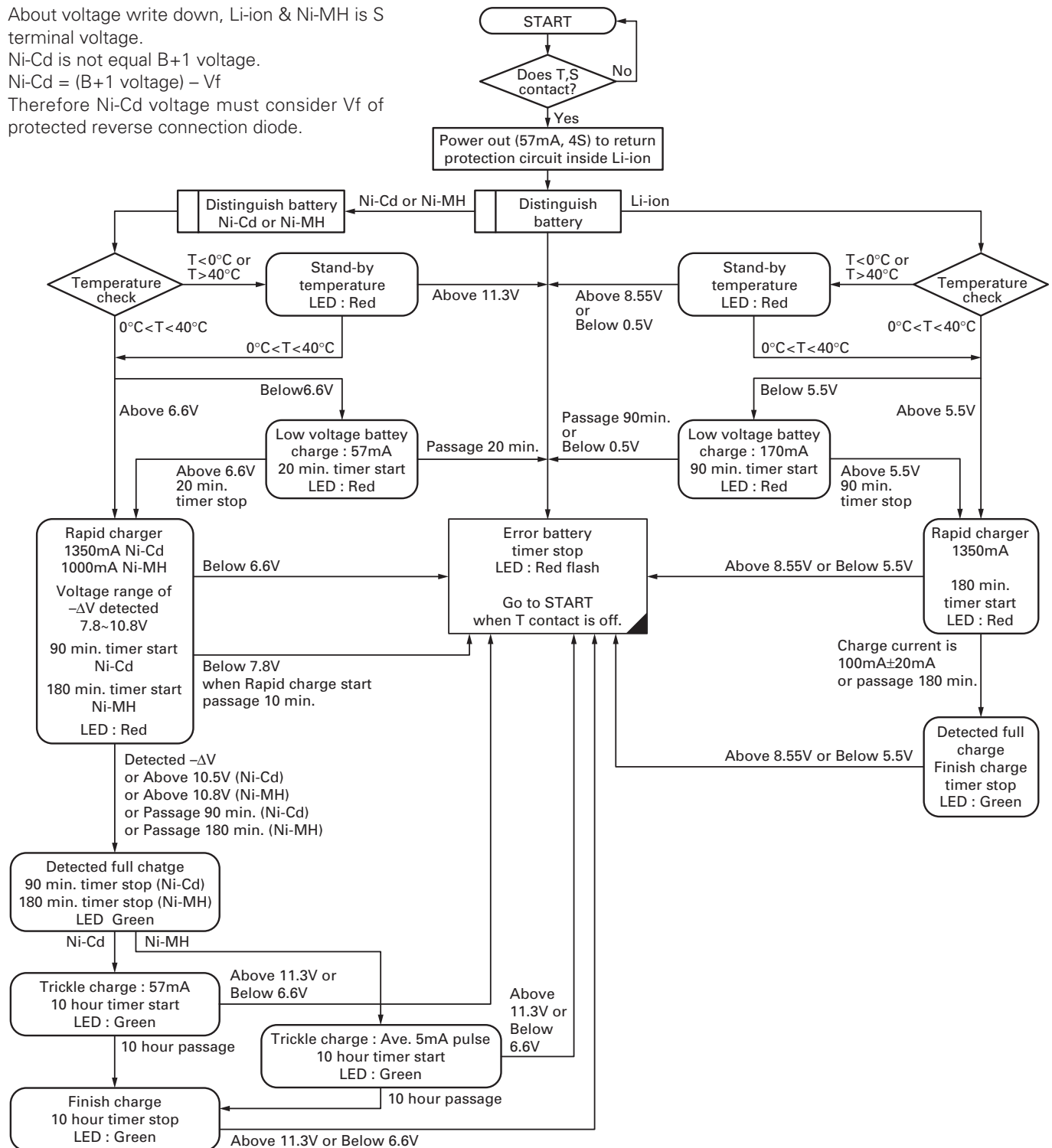
FLOW CHART

About voltage write down, Li-ion & Ni-MH is S terminal voltage.

Ni-Cd is not equal B+1 voltage.

Ni-Cd = (B+1 voltage) - Vf

Therefore Ni-Cd voltage must consider Vf of protected reverse connection diode.



KSC-32

PARTS LIST / SPECIFICATIONS

Parts List

* New Parts.

Ref. No.	Address	New parts	Parts No.	Description	Destination
KSC-32					
		*	A02-3857-08	CABINET UPPER	
		*	A02-3870-08	CABINET BOTTOM	
		*	B43-1169-08	BADGE	
		*	B62-1768-00	INSTRUCTION MANUAL	K
		*	B62-1769-00	INSTRUCTION MANUAL	E
			E03-0200-08	DC JACK	
		*	E23-1256-08	RELAY TERMINAL	
			G13-1547-08	CUSHION	
			N80-2610-45	SCREW	
		*	W02-3668-08	CHARGER UNIT	
		*	W08-0976-05	AC ADAPTER	K
		*	W08-0978-05	AC ADAPTER	E

Specifications

AC Voltage 100~240V
 Dimensions (W x H x D) 102 x 56.4 x 131.5 mm
 4-1/32 x 2-15/64 x 5-3/16 inches
 Weight (charger only) Approx. 190g / 0.42 lbs
 Approximate Charging Times
 KNB-31A (Ni-Cd : 7.2V, 1700mAh) 80 minutes
 KNB-32N (Ni-MH : 7.2V, 2500mAh) 170 minutes
 KNB-33L (Li-ion : 7.4V, 1700mAh) 130 minutes

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